

## Education

**Northwestern University**, Ph.D., Physics – February 1995  
Ph.D. Thesis: *A Measurement of the Spin-Dependent Structure Function  $g_1(x)$  of the Deuteron and a Test of the Bjorken Sum Rule.*

**University of Michigan**, B.S., Physics – May 1988

## Research

**Fermilab**, Scientist II, June 2013 – Present

- NOvA Co-Spokesperson, 2015 – present.
- NOvA Offline Reconstruction Coordinator, 2012 – 2014
- NOvA Data Acquisition Software WBS Level 3 manager, 2009 - 2014

**Fermilab**, Scientist I, 2006 – 2013

- NOvA Offline Software Coordinator, 2006 – 2009
- MINOS Near Detector Physics Working Group co-Convener, 2006 – 2009

**Fermilab**, Associate Scientist on the MINOS experiment, April 2001 – June 2006

- MINOS Near Detector Front-end Electronics Manager.
- MINOS Near Detector Electronics Commissioner, 2004 – 2005.
- MINOS Near Detector Operations Manager, 2003 - 2006.

**Fermilab**, Research Associate on KTeV, February 1995 – April, 2001

## Recent Peer Review

- Served on US Department of Energy grant reviews panels.
- Email reviewer for US Department of Energy and other national funding agencies.

## Recent Contributions to Publications

- Served on the review committee for MINOS Near Detector cosmic ray charge ratio paper, published in Phys. Rev. D in 2011.
- Contributed centrally to early drafts and editing of final pre-review version of MINOS inclusive neutrino and anti-neutrino charged-current cross-section paper, published in Phys. Rev. D in 2010.
- Contributing editor to MINOS detectors paper, published in NIM-A in 2008.
- Served on the review committee for MINOS  $\nu_\mu$  disappearance paper, published in PRL in 2008.

## **Recent Talks**

- NOvA Status, Fermilab Users' Meeting, June 2014
- NOvA contribution to multi-speaker Joint Experimental and Theoretical Seminar on the Impact of the T2K Detection of  $\nu_\mu \rightarrow \nu_e$ , June 2011.
- Progress of NOvA, Joint Experimental and Theoretical Seminar, Fermilab, September 2010.
- Status and Prospects of the NOvA Experiment, NNN08, Paris Sept. 2008.

## **Collaboration Governance**

- NOvA co-Spokesperson, February 2015 – present.
- Member of the NOvA Speakers' Committee, which selects speakers for conference talks, 2011 – 2014.
- Elected member of NOvA Executive Committee, which provides guidance to spokespersons on the scientific policy of the Collaboration, 2006 – 2014.
- Fermilab representative to the NOvA Institutional Board, 2009 – present.
- Fermilab representative to the MINOS Institutional Board, 2006 – 2009.
- Member of the MINOS Speakers' Committee, which selects speakers for conference talks, 2005 – 2008.

## **Other External Committees**

- NNN12 Local Organizing Committee, Summer 2012
- INNS Summer School Local Organizing Committee, 2009
- NuInt07 Organizing and Program Committee, 2007

## **Management**

- Leader of NOvA group in Fermilab Neutrino Division/Neutrino Physics Department, October 2014 – present.
- Leader of the new Fermilab PPD/EED/Online Support Group, 2012 - 2014.